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INFORMATION REPORT

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COUNTRY

Honduras

SUBJECT

New York Honduras Rosario Mining Company

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DATE OF INFORMATION (Date or dates, on or between which, events or conditions described in report existed)

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SOURCE

25X1X6

1. New York and Honduras Rosario Mining Company operates three mines, the Rosario, El Mochito, and the El Dorado. Rosario and El Dorado ores contain gold and silver which are recovered by cyanidation. Rosario, located in San Juancito, Honduras produces about 565 tons/day, while El Dorado in El Salvador produces 300 tons/day. The El Mochito Mine, also in Honduras, produces about 120 short tones of lead-silver-gold-zinc ore per day.
2. El Mochito Mill.—The ore is first floated to make a bulk lead-silver-zinc concentrate which is sent to an A.S. & R. Co. smelter in the states for treatment, while the tailings are cyanided for their silver and gold contents. The present mill capacity of 120 short tons/day will soon be increased to 165 tons/day, and eventually to 250 tons/day. Until very recently only a sulfide circuit was in operation at the mill, but an oxide circuit is now functioning. I am not sure whether the oxide tonnage treated is part of the 120 tons/day or in addition to it. Reagents combinations for both circuits are shown, but annual consumption figures are for the sulfide circuit only.

Sulfide Flotation Circuit

Yarmor "F" Pine Oil	0.3916 lb/ton ore
R-301	0.0749 " " "
R-404	0.0810 " " "
A-31	0.0688 " " "
Metso	0.1614 " " " 0.1440
Aerobrand Cyanide	0.0917 " " "
ZnSO ₄	9.0505 " " "
Aerofrother 712	0.0046 " " "
Minerac B	0.0119 " " "
Dowfroth 250	0.0139 " " "

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Oxide Flotation Circuit

Yarmor "F" Pine Oil	0.0691 lb/ton ore
Na ₂ S	0.0250 " " "
NaHS	1.0778 " " "
R-404	0.0327 " " "
Barrett #634	0.0119 " " "
Metso	0.0289 " " "
Barrett #4	0.0211 " " "
ZnSO ₄	0.0224 " " "
Aerobrand Cyanide	0.0339 " " "
Arquad 2-C	0.0052

2. Estimated Annual Reagent Consumption:

Yarmor "F" Pine Oil	17,000 lbs
R-301	3,000 lbs
R-404	3,000 lbs
A-31	3,000 lbs
Minerex B	500 lbs

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July
Flotation Reagents
52-51, 8
Cold + Si lime + lead
mines + mills
40-51, 3, 4

Area

Honduras
018

TYPE ACT-DATE INFO-TFR-DATE AREA

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